CLAIM AMENDMENTS

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1. **(Currently Amended)** A method of installing a mobile program code for the control of an industrial ~~installation~~**automation system comprising a central computer and a plurality of actors and sensors coupled via a bus system with said central installation computer, the method** comprising **the steps of:**

transmitting the mobile program code from a remote location to the **central computer of the** industrial **automation system**~~installation, and~~

installing and commissioning the mobile program code independently on the industrial **automation system**~~installation~~, and ~~further comprising~~

generating by means of the mobile program code further mobile program codes having a defined task, and transmitting the further mobile program codes **at least** to **said actors and sensors** ~~and~~ within the industrial **automation system**~~installation~~.

2. (Cancelled)

3. **(Currently Amended)** A method according to claim 1, wherein the mobile program code is transmitted between the remote location and the industrial **automation system**~~installation~~ via ISDN, satellite, or Internet.

4. (Original) The method according to claim 1, wherein the mobile program code is JAVA program code.

5. (Currently Amended) The method according to claim 4, further comprising running the mobile program code on hardware provided for an open-loop or closed-loop control of the industrial **automation system**~~installation~~.

6.   **(Currently Amended)** The method according to claim 1, wherein the installed mobile program code is designed to monitor the industrial **automation system**~~installation~~.

7.   **(Currently Amended)** The method according to claim 6, further comprising independently monitoring the industrial **automation system**~~installation~~ by means of the mobile program code for a fault or special event, in the event of which information needed to evaluate the fault or the special event is transmitted to the remote location by means of the mobile program code.

8.   **(NEW)** The method according to claim 1, wherein the industrial automation system further comprises automation devices located between said central computer and said actors and sensors.

9.   **(NEW)** The method according to claim 1, wherein the industrial automation system further comprises an industrial Ethernet bus for coupling said automation devices and said central computer.

10.   **(NEW)** The method according to claim 1, wherein the industrial automation system further comprises a Profibus for coupling said automation devices and said actors and sensors.